Setting up of Atomic Power Plant in Orissa

4852. SHRI RAHASBIHARI BARIK : Will the PRIME MINISTER be pleased to state :

(a) what is the number of atomic power plants set up in the country, so far;

(b) whether Government have any proposal to set up an atomic power plant in Orissa;

(c) if so, the place identified for the purpose; and

(d) what are the details of steps taken to set up the plant ?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI BHUVNESH CHATURVEDI) : (a) The nuclear power stations in operation at present are listed below :

Name of the Atomic Power Station (APS)	Capacity MWe
Tarapur —1	160
Tarapur —2	160
Rajasthan—1	100
Rajasthan—2	200
Madras—1	220
Madras—2	220
Narora—1	220
Narora—2	220
Kakrapar—1	220
TOTAL	1720

In addition there are five units with a total capacity of 1100 MWe which are under construction.

(b) No, Sir.

(c) and (d) Do not arise.

Taps under International Safeguards

4853. SHRI KRISHNA KUMAR BIRLA: Will the PRIME MINISTER be pleased to state :

(a) whether Government have volunteered to keep the Tarapur Nuclear Power Plant under international safeguards even though it is not legally bound to do so; and

(b) if so, what are the reasons therefor, stating the implications involved in accepting the continued international safeguards for Tarapur plant ?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI BHUVNESH CHATURVEDI) : (a) and (b) As a confidence building measure, the Government made a voluntary offer for application of safeguards on the nuclear material in Tarapur Atomic Power Station (TAPS). Accordingly a bilateral safeguards Agreements with the International Atomic Energy Agency (IAEA) came into effect on 1-3-1994.

As per the safeguards agreement which came into effect on 1-3-1994, the IAEA would continue its safeguards inspections in TAPS to ensure that the nuclear material subject to the safeguards agreement are used exclusively for peaceful purposes.

Setting up of more Nuclear Reactors

4854. DR. SHRIKANT RAMCHANDRA JICHKAR : Will the PRIME MINISTER be pleased to state :

(a) how many more nuclear reactors are likely to be set up in the country during the next five years;

(b) what are the names of places where these would be set up;

(c) what is the financial cost likely to be incurred thereon; and

(d) by when the work on this reactor is likely to commence and be completed ?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI BHUVNESH CHATURVEDI) : (a) and (b) The nuclear power projects under construction are Kakrapar Unit-2 (220 MWe capacity) in Gujarat, Kaiga Units 1 & 2 (2×220 MWe) in Karnataka and Rajasthan Units 3 & 4 (2×220 MWe) in Rajasthan.

(c) The present anticipated cost estimates of the projects under construction are as follows (cost in crores of Rupees) :—

Kakrapar 1&2	1335	(1025 basic cost+310 interest during construction)
Karga 1&2	2275	(1590 basic cost+685 interest during construction)
Rajasthan 3&4	2107	(1450 basic cost+657 interest during construction)

(d) Kakrapar-2 is expected to achieve criticality during the second quarter of 1994. Kaiga 1& 2 are scheduled to achieve